

Title (en)

AIR-COOLED DISK BRAKE FOR INDUSTRIAL APPLICATIONS

Title (de)

LUFTGEKÜHLTE SCHEIBENBREMSE FÜR INDUSTRIELLE ANWENDUNGEN

Title (fr)

FREIN À DISQUE REFROIDI À L'AIR POUR DES APPLICATIONS INDUSTRIELLES

Publication

**EP 2912332 B1 20170614 (EN)**

Application

**EP 12818637 A 20121025**

Priority

IT 2012000330 W 20121025

Abstract (en)

[origin: WO2014064722A1] An air-cooled disk brake (1) for industrial applications, comprising a main body designed for connection to an industrial apparatus and comprising two interconnectable circular flanges (110, 120), at least one brake disk (200) being interposed between said flanges (110, 120) and being adapted to rotate about its own axis (xl) and a friction unit (130). Particularly, the friction unit (130) comprises at least one longitudinally sliding friction element (132) which is designed for engagement with the brake disk (200), and a pneumatic actuator (134) that controls the longitudinal movement of the friction element (132) on the brake disk (200). Each flange (110, 120) is composed of at least two mutually joinable, substantially semicircular flange halves.

IPC 8 full level

**F16D 65/847** (2006.01)

CPC (source: EP)

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